

LITTLE ROCK

Math / Grade 3 / Data Analysis and Probability

Name _____

Teacher _____ Period _____

1. The third grade is having a contest this week to find out which class can collect the most pennies. The money will be given to the animal shelter.

Pennies Collected					
	Mon	Tues	Wed	Thurs	Fri
Class # 1	24	16	50	30	
Class # 2	30	18	52	40	
Class # 3	100	30	45	15	
Class # 4	15	13	17	10	

Which class is **least likely** to win the contest

- A. Class # 1
- B. Class # 2
- C. Class # 3
- D. Class # 4

2. The farmer gathers eggs each day.

Eggs Gathered

Day 1	347
Day 2	339
Day 3	343
Day 4	351
Day 5	349
Day 6	345
Day 7	?

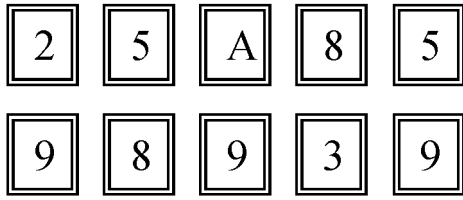
Which of the following is the **best** prediction of the number of eggs that will be gathered on day 7?

- A. between 330 and 340
- B. between 340 and 350
- C. between 350 and 360
- D. between 360 and 370





3. Paul's bag of Skittles contains 6 purple, 8 red, 4 green, and 10 orange Skittles. What is the probability that he will get a red Skittle first?

- A. $\frac{28}{8}$
- B. $\frac{20}{8}$
- C. $\frac{8}{28}$
- D. $\frac{8}{20}$

4. Emma is playing a card game with the following 10 cards.



Which outcome below is **most likely** to happen?

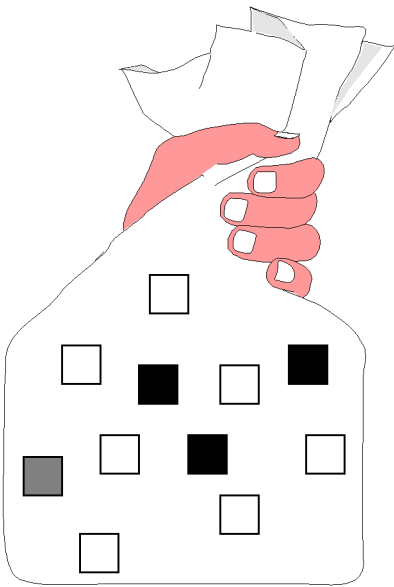
- A. Emma will draw an .
- B. Emma will draw a .
- C. Emma will draw an .
- D. Emma will draw a .

5. Latrell pulls a cube from the bag without looking. Latrell records the color, then puts the cube back in the bag.

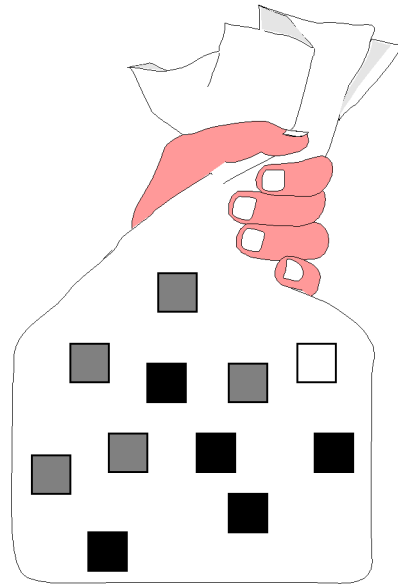
Latrell's Cubes	
White	
Gray	
Black	

Which bag below is Latrell most likely using?

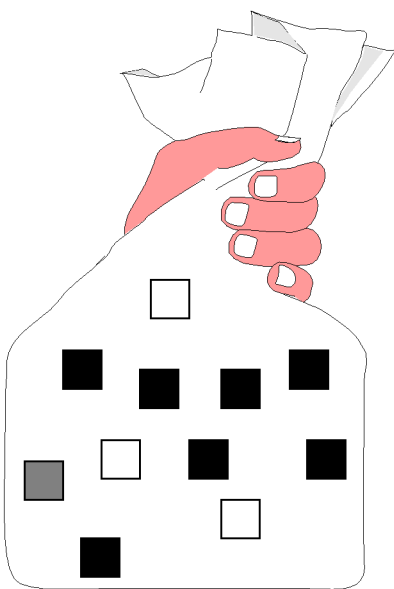
A.



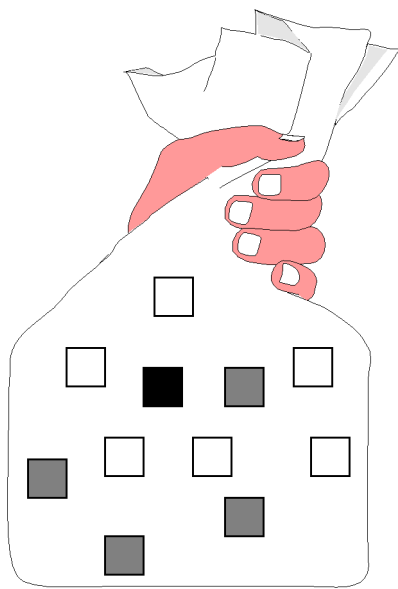
B.



C.



D.



6. Tammy is decorating cookies. Her mother told her to use 1 color of icing and 1 color of sprinkles on each cookie. How many different combinations can she have?

Icing	Sprinkles
Blue	Green
White	Yellow
	Red

- A. 3 combinations
- B. 5 combinations
- C. 6 combinations
- D. 9 combinations
7. Pizza Planet has a special for a pizza with one topping on a regular or wheat crust for \$5.00.

\$5.00 Pizza Special!

Toppings	Crusts
pepperoni	regular
sausage	wheat
mushroom	

How many **different** combinations for toppings and crusts are there?

- A. 3
- B. 5
- C. 6
- D. 9

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Answer Key and Alignment

<u>Answer</u>	<u>Source</u>	<u>SLE</u>	<u>CC-Standard</u>
1. D	TLI	DAP.16.3.1	
2. B	TLI	DAP.16.3.1	
3. C	TLI	DAP.17.3.1	
4. B	TLI	DAP.17.3.2	
5. C	TLI	DAP.17.3.2	
6. C	TLI	DAP.17.3.3	
7. C	AR	DAP.17.3.3	